

JUL 29 2005

### I Under the

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1450-AVPTO  
10-1000

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

She

4

Complete if Known	
Application Number	10/657,707
Filing Date	09/09/2003
First Named Inventor	ILEA
Art Unit	3676
Examiner Name	BOSWELL, Christopher J.
Attorney Docket Number	31727-2019

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
CB	A1	US-1337235	04/1920	KUHN	_____
CB	A2	US-1431290	10/1922	DAGGETT, JR.	_____
CB	A3	US-1740971	12/1929	CORLETT	_____
CB	A4	US-2706957	04/1955	IANNETTI	_____
CB	A5	US-2859080	11/1956	DAVIES ET AL.	_____
CB	A6	US-2999712	09/1961	JAKEWAY	_____
CB	A7	US-3143365	08/1964	EGGER	_____
CB	A8	US-3154333	10/1964	TOWNSEND	_____
CB	A9	US-3385620	05/1968	PORVIN	_____
CB	A10	US-4059360	11/1977	TEISSIER	_____
CB	A11	US-4135377	01/1979	KLEEFELDT ET AL.	_____
CB	A12	US-4200405	04/1980	BAUER	_____
CB	A13	US-4269440	05/1981	GELHARD	_____
CB	A14	US-4290634	09/1981	GELHARD	_____
CB	A15	US-4478531	10/1984	LEVINSON ET AL.	_____
CB	A16	US-4573723	03/1986	MORITA ET AL.	_____
CB	A17	US-4617812	10/1986	ROGERS	_____
CB	A18	US-4674781	06/1987	REECE ET AL.	_____
CB	A19	US-4708378	11/1987	INGENHOVEN	_____
CB	A20	US-4793640	12/1988	STEWART, SR.	_____

## FOREIGN PATENT DOCUMENTS

**Examiner  
Signature**

*OBall*

**Date Considered**

9/23/05

**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/657,707
		<i>Filing Date</i>	09/09/2003
		<i>First Named Inventor</i>	ILEA
		<i>Art Unit</i>	3676
		<i>Examiner Name</i>	BOSWELL, Christopher J.
(Use as many sheets as necessary)		<i>Attorney Docket Number</i>	
Sheet	2	of	4

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	01/23/05
-----------------------	---	--------------------	----------

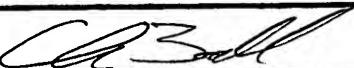
**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **1** Applicant's unique citation designation number (optional). **2** See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **3** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **6** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/657,707
(Use as many sheets as necessary)				Filing Date	09/09/2003
				First Named Inventor	ILEA
				Art Unit	3676
				Examiner Name	BOSWELL, Christopher J.
Sheet	3	of	4	Attorney Docket Number	31727-2019

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
CB	C1	Picture of Power Door Lock Actuator of Rockwell Corp., Troy, MI; on market since at least before 09/01/1994.		
CB	C2	Picture of Power Door Lock Actuator of Kelsey-Hayes Co., Romulus, MI; on market since at least before 09/01/1994.		
CB	C3	Picture of Power Door Lock Actuator of Ford Motor Co., Dearborn, MI; believed dated before 09/01/1994.		
CB	C4	Picture of Power Door Lock Actuator of Chrysler Corp, Highland Park, MI; believed dated before 09/01/1994		
CB	C5	Picture of Power Door Lock Actuator of General Motors Corp., Detroit, MI; build by ITT Automotive, NY; on market since at least before 09/01/1994		
CB	C6	Photograph of Power Door Lock Actuator of Rockwell, Corp, Troy, MI; on market since at least 02/13/1998.		
CB	C7	Photograph of Power Door Lock Actuator of Klekert GmbH & Co.; Heiligenhaus, Germany; on market since before 03/1997		
CB	C8	Door Lock Actuator Product of ITT Automotive, Auburn Hills, MI 48238; first publication date unknown.		
CB	C9	Door Lock Actuator Product of Delphi Automotive Systems, Pontiac, MI 48340; first publication date unknown.		
CB	C10	Door Lock Actuator Product of Gecom, Division of Mitsui Corp., Southfield, MI 48075; first publication date unknown.		
CB	C11	Door Lock Actuator Product of Gecom, Division of Mitsui Corp., Southfield, MI 48075; first publication date unknown.		

Examiner Signature		Date Considered	9/23/05
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

4

of

4

Complete If Known	
Application Number	10/657,707
Filing Date	09/09/2003
First Named Inventor	ILEA
Art Unit	3676
Examiner Name	BOSWELL, Christopher J.
Attorney Docket Number	31727-2019

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CB	C12	Door Lock Actuator Product of Gecom, Division of Mitsui Corp., Southfield, MI 48075; first publication date unknown.	
CB	C13	Door Lock Actuator Product of Gecom, Division of Mitsui Corp., Southfield, MI 48075; first publication date unknown.	
CB	C14	Door Lock Actuator Product of Aisin Seiki of Karya City, Japan; first publication date unknown.	
CB	C15	Door Lock Actuator Product of either Rockwell-Meritor of Troy, MI 48084 or Bosch of Broadview, IL 60153; first publication date unknown.	
CB	C16	Door Lock Actuator Product Part F812-25218A43-AA of Ford Motor Co., Dearborn, MI; dated 10/1988.	

Examiner Signature

Date Considered

9/23/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.